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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/693,371

10/24/2003

Kenneth S. Zukor

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2596

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EXAMINER

LU, JIPING

ART UNIT

PAPER NUMBER

3749

MAIL DATE

DELIVERY MODE

11/16/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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Office Action Summary	Application No.		Applicant(s)	
	10/693,371		ZUKOR ET AL.	
	Examiner		Art Unit	
	Jiping Lu		3749	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 September 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) 22-26 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21, 27-36 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Election/Restrictions

1. This application contains claims 22-26 drawn to an invention nonelected with traverse in the reply filed on 5/2/06. A complete reply to the final rejection must include cancellation of nonelected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1-7, 15-21, 31 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1, 15, 31 recite the limitation of "said vapor path", "the vapor path". There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

5. Claims 1-2, 4-5, 8-9, 11-12, 15-16, 18-19, 27-29 and 31-35 are rejected under 35 U.S.C. 102(b) as being anticipated by Bender (U. S. Pat. 3,474,543).

Bender shows a removable cap assembly comprising a cap 31 comprising a housing 31 adjoined to a conformable section 33 having an internal recess (within 33) for engaging with stopper 30 and for sealing around a container opening (at 23, see figure 2), and a vapor path opening 25 (see Figures 3-5) for vapor passage between the container and an external atmosphere, a venting media (top portion of 33) oriented in the vapor passage/path forming a barrier isolating the container from the external atmosphere, a stopper 30 seated in a first position within the cap 31 adjacent to the recess. The cap 31 and venting media (see Fig. 5) are able to be removed from the stoppered container 19. The stopper 30 is movable between open and shut positions for allowing passage of vapor. A top covering or lid 41 is also provided. The cap 31 has a top (at 71) and a bottom (at 32). The cap 31 has a housing with a sealing perimeter at the top (at 71) of the cap 31 adjoined to a conformable section. The venting media (top portion of 33) oriented in the vapor path and attached to the sealing perimeter at the top of the cap 31. As for the limitations, "is sealed to the venting media", "is sealed to the media via a heat seal/a gasket seal" in claims 29, 34, 35, they are viewed as functional or intended use limitations. As MPEP 2114 states, "[a] claim containing a "recitation with respect to the manner in which a claimed apparatus is intended to be employed does not differentiate the claimed apparatus from a prior art apparatus" if the prior art apparatus teaches all the structural limitations of the claim". In this case, the limitations above do not add any structural limitations to the claim and Bender et al. discloses all the structural limitations.

8. Claims 15-21, 31, 33-36 are rejected under 35 U.S.C. 102(b) as being anticipated by Jones (U. S. Pat. 5,522,155).

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Jones shows a removable cap assembly 90 comprising a removable cover 10, 90 with a recess (See Fig. 13, at 94, inside 90) to seal a container (by gasket 94 and threads 95) and a vapor path opening (at 92) for vapor passage between the container and an external atmosphere, a venting media 93 attached to the cap 90, a stopper 92 seated in a first position within the cap 90 adjacent to the recess 94. The stopper is movable between open and shut positions for allowing passage of vapor. A lid 17 is also provided. The cap 90 has a top (near 93) and a bottom (near 90). The cover 90 has a top (at 95) with a sealing perimeter and a bottom (at 90) with a recess (at 94) for sealing to the container. A venting media 93 attached to the sealing perimeter of the removable cover 90.

Claim Rejections - 35 USC § 103

6. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

7. Claims 3, 10, 17, 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bender (U. S. Pat. 3,474,543).

The cap assembly of Bender as above includes all that is recited in claims 3, 10, 17, 30 except for the cap material and a gasket between the top covering and the venting media. With regard to the claimed single material in claims 3, 10, 17, it would have been obvious to one having ordinary skill in the art at the time the invention was made to choose any kind of desired material for cap in order to pursue an intended use, since it has been held to be within the general skill of a worker in the art to select a known material on the basis of its suitability for the intended use as a matter of obvious design choice. In re Leshin, 125 USPQ 416. With regard to

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claim 30, examiner takes official notice that it is well known in the sealing art to use gasket for sealing purpose.

8. Claims 6-7, 13-14, 20-21, 36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bender (U. S. Pat. 3,474,543) in view of Jones (U. S. Pat. 5,522,155).

The cap assembly of Bender as above includes all that is recited in claims 3, 6-7, 10, 13-14, 17, 20-21, 36 except for the material of cap and venting media. Jones teaches a cap assembly with a single material cap 90 and a venting media comprising hydrophobic material or expanded polytetrafluoroethylene material (col. 3, line 60 to col. 4, line 15) same as claimed. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the cap assembly of Bender to include a single material cap in order to facilitate the manufacture and to substitute the venting media comprising hydrophobic material or expanded polytetrafluoroethylene material of Jones for the venting media of Bender in order to improve the resistance to water penetration.

Response to Arguments

9. Applicant's arguments filed on Sep. 6, 2007 with respect to claims have been considered but not persuasive to overcome the rejection. First, with regard to 102 rejections, Bender et al. and Jones do teach or suggest all of the limitation of the present claims (see modified rejections above). The broad claims presented fail to structurally define over the prior art references. Second, with regard to applicant's arguments of 35 USC 103 rejections, it is the examiner's position that in view of the combined teaching of the prior art references, one skilled in the art

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would have found it to be obvious to combine because the results would have been predictable (see KSR International Co. v. Teleflex, Inc. 82 USPQ 2d 1385 (2007)).

Conclusion

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

1. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jiping Lu whose telephone number is 571 272 4878. The examiner can normally be reached on Monday-Friday, 9:00 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, STEVEN B. MCALLISTER can be reached on 571 272-6785. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Jiping Lu
Primary Examiner
Art Unit 3749

J. L.